

INDIA'S #1 GENSET BRAND

SLIM POWER SERIES GENSET

5 - 12.5 kVA



The Complete Power Back-up Solution

EFFICIENCY HAS A NEW NAME

Karloskar
GREEN

5 - 12.5 kVA

SPECIFICATIONS

Prime Rating at rated rpm (as per ISO 8528)	kVA	5	7.5	10	12.5	
	kW	4	6	8	10	
Genset Model		KG1-5AS3	KG1-7.5AS4	KG1-10AS5	KG1-12.5AS2	
Frequency	Hz	50				
Power factor	lagging	0.8				
Voltage	V	230 (1Ø) & 415 (3Ø)				
Governing class (As per ISO 8528 Part-V)		G2				
Noise level	dBA	<75				
Fuel Consumption*	At 100% Load	Ltrs/Hr	1.6	2.2	3	3.5
	At 75% Load		1.3	1.6	2.4	2.7
	At 50% Load		1	1.2	1.8	1.9
Fuel tank capacity	Ltrs	50	50	40	40	
Weight of Genset with canopy (approx..) [§]	Dry	Kg	610	620	640	730
	Wet	Kg	660	670	690	780
Overall dimensions of Genset [^]	Length	mm	1310	1310	1520	1520
	Width	mm	810	810	820	820
	Height	mm	1600	1600	1600	1600
Electrical Battery starting voltage	Volts-DC	12				

ENGINE

Engine Model		EA10 G1	EA10 G1	EA16G1	EA16G1
Rated output (Prime Continuous rating as per ISO 8528-1)	kW	7.3	7.3	11.8	11.8
	HP	10	10	16	16
Cooling System		Air			
No. of cylinder	Number	1	1	2	2
Cubic capacity	Ltrs	0.95	0.95	1.56	1.56
Bore x Stroke	mm	102x116	102x116	95x110	95x110
Rated Speed	RPM	1500	1500	1500	1500
Aspiration	NA/TC/TA	NA	NA	NA	NA
Lube Oil change period	hrs.	500 hrs.			
Lube oil Sump Capacity	Ltrs	5	5	5	5
Coolant Capacity	Ltrs	NA	NA	NA	NA

ALTERNATOR

Insulation Class		Class H			
Alternator Efficiency (at 100% load) 0.8 pf**	%	78.1	81.3	83.4	83.5
Max Voltage Dip at Full Load 0.8 pf Lag	%	< 20%			
Max Time to build up rated voltage at Rated RPM		< 5 sec provided engine reach the rated speed			

Notes

[^] Tolerances Apply

* With 0.845 Specific Gravity of diesel (5% Tolerance)

[§] These Weight are for handling & transportation only, ±5 % tolerance apply

** Efficiency of Alternator as per standards IEC60034-1

For Site Conditions other than standard operating conditions consult Kirloskar Oil Engines for available prime power.

For intermediate ratings, kindly contact nearest Kirloskar office

Kirloskar Remote Monitoring (Optional)

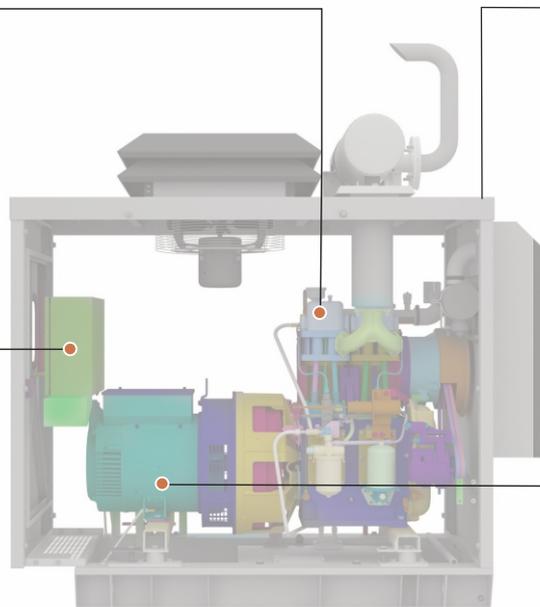
Kirloskar iGreen gensets are enabled with Kirloskar remote monitoring system which shares Real Time Genset information and location Services. It can be accessed via mobile device or desktop.

Engine

- Industries most reliable engines, proven over decades
- Low emission, high efficiency engines
- Compact, robust and rugged design
- +500 hours lube-oil change period

Controller

- Microprocessor based with graphical LCD display
- Best in class monitoring and diagnostic capability
- Communication configuration enabled



Canopy

- Aesthetically designed canopy for enhanced product life and performance
- Weather and sound resistant enclosure
- Ease of access and serviceability
- Insulation confirms to UL94-HF1 class for flammability

Alternator

- Best in class efficiency
- Minimum harmonics interference
- Vacuum pressure impregnation
- Epoxy gel coating on the winding

Kirloskar Green Power Back-Up Solution

Kirloskar Green presents India's only digital power back-up solution, designed for the users of tomorrow. Kirloskar Green promises world class performance with world class features such as robust design, digital connectivity, ultimate convenience of use, smart user interface, superior looks and one-stop solution for its esteemed customers.



State of the art Genset Controller

Kirloskar Green Genset put the command in your hands. Micro-processor based Genset controllers display a host of genset parameters.

Monitoring Features: Phase Voltage, Phase Current, kVA, kW, kWh, kVAR, Power Factor, Lube Oil Pressure, Engine Temp, RPM, Run Hours, Battery condition etc.

Diagnostic Features: Battery Charging failure, Over speed and Under speed, Over Current, Over voltage and Under Voltage, Over kilo Watt, Phase Seq., Phase missing, Earth Fault Trip.

Aesthetically Enhanced Genset

Kirloskar Green Gensets are aesthetically enhanced range of gensets with improved product life. It comes with a bolt-less designed canopy which along with seamless appearance minimises the canopy deterioration. Placing the silencer inside the canopy ensure saving on space and make it more aesthetic. The new attractive colour scheme makes Kirloskar Green gensets more vibrant and green decals reminds of Kirloskar commitment to efficiency in conservation & going green in everything we do.



Single Point Of Ownership

Kirloskar Green provides a single point ownership of your complete power back-up ecosystem. These systems are designed to work in coherence with each other and hence are capable of providing a seamless experience to customers. With India's largest service network Kirloskar Green provides a comprehensive warranty for all components of your power back-up ecosystem.

Refuel and Relax, We will take care of your Genset

In addition to warranty, customers can choose a Comprehensive maintenance contract, ANUBANDH, in which Kirloskar promises to maintain your genset for 5years (or 6000hrs whichever is earlier). This specially designed package provides you hasslefree 24X7 services through well trained professionals, genuine spares and consumables directly through an agreement with Kirloskar. All you need to do is Refuel and Relax.



Ultimate Convenience with AMF (Optional)

Kirloskar Green gensets comes with an Auto Main Failure panel which are specifically designed to deliver ultimate convenience to user. With mains power failure, this panel automatically starts the genset and once the mains power is restored this panel switch off the genset, providing hassle free experience with running cost optimization. This ensures uninterrupted power supply all the time.



EFFICIENCY. INTEGRATED

A KIRLOSKAR PROMISE

Efficient Products

- India's first IoT enabled digital genset
- Designed for convenient user experience
- Best-in-class fuel efficiency delivered
- Compact design & long life product
- Optimized consumption of lubricant oil
- Optimized total cost of ownership (TCO)
- All products tested before delivery



Efficient Solutions

- Load sizing for every single genset order
- One stop power back-up solutions
- Serves complete application gamut
- Highly trained & experienced team
- Non-conventional solutions (bio-diesel)
- Specific solution for harsh environments
- Exhaust mgmt., foundation, cabling etc.

Efficient Service

- India's widest service dealer network
- Kirloskar connect-self-service application
- eFSR-Electronic field service report
- Over 6000 trained service engineers
- Over 600,000 machines under care
- 98%+ parts available at each outlet
- Flexible & economical AMC-Bandhan



Efficient Network

- Consistent, reliable & long-established
- 250+ expert touch points across India
- 500+ solution oriented professionals
- Uniform customer experience across
- Central system for enquiry to PRF
- Fair trade practices & Price transparency

Efficient Deliveries

- Cost-effective deliveries guaranteed
- Assured 7-day delivery of gensets
- Supports project management system
- Reduced working capital for customer
- Award-winning replenishment model
- Assurance of FRESH products always



Efficient 24X7 Care

- 24 X 7 operational customer care centre
- Team of over 70 trained & focused exec.
- Tracking every service request till closure
- Centrally maintained CRM for all requests
- Satisfaction call after every SR closure
- Central sales lead tracking system
- Continuous NPS and CDI measurement

